

# ISTEP+

INDIANA STATEWIDE TESTING  
FOR EDUCATIONAL PROGRESS

## Group Academic Standards Summary

State: INDIANA

Grade: 3

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



No. of Students: 77203

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Reading Vocabulary(MC)	10	76	8.2	81.5	5.5	57883	75	85.5	9.5	82.6	6.6	82.7	6.7
2. Reading Comp.(MC)	10	66	7.4	75.0	9.0	57297	74	80.1	14.1	75.9	9.9	77.0	11.0
3. Lit Response & Analysis(MC)	10	68	7.7	77.4	9.4	57533	75	82.6	14.6	77.6	9.6	78.4	10.4
4. Writing Process(MC)	4	70	3.1	76.7	6.7	56808	74	80.9	10.9	77.2	7.2	78.9	8.9
5. Writing Applications(MC,OE)	8	63	5.4	68.6	5.6	58497	76	72.3	9.3	68.0	5.0	69.6	6.6
6. Lang. Conventions(MC,OE)	8	84	7.0	86.9	2.9	57470	75	88.3	4.3	86.3	2.3	88.0	4.0

\*Number of Students: 76735

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Number Sense(MC,OE)	14	80	11.7	83.8	3.8	56250	73	88.2	8.2	85.7	5.7	87.2	7.2
2. Computation(MC)	12	76	9.9	81.6	5.6	56056	73	83.2	7.2	86.4	10.4	84.0	8.0
3. Algebra & Functions(MC)	9	65	6.7	74.9	9.9	55971	73	78.0	13.0	78.0	13.0	77.1	12.1
4. Geometry(MC,OE)	9	79	7.3	81.1	2.1	54086	70	85.2	6.2	84.0	5.0	83.8	4.8
5. Measurement(MC)	9	64	6.6	73.8	9.8	56492	73	78.2	14.2	75.0	11.0	77.1	13.1
6. Problem Solving(OE)	13	46	7.3	57.0	11.0	56245	73	61.8	15.8	60.7	14.7	59.6	13.6

\*Number of Students: 77032

<sup>a</sup> Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 4

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 77431

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

1. Reading Vocabulary(MC)	9	74	7.3	81.0	7.0	57200	74	82.3	8.3	81.6	7.6	75.5	1.5
2. Reading Comp.(MC,OE)	14	62	10.1	72.4	10.4	58075	75	75.9	13.9	72.9	10.9	68.4	6.4
3. Lit Response & Analysis(MC,OE)	18	59	12.5	69.6	10.6	58014	75	72.5	13.5	70.5	11.5	64.9	5.9
4. Writing Process(MC)	10	69	7.7	77.0	8.0	58411	76	80.7	11.7	76.9	7.9	72.3	3.3
5. Writing Applications(MC,OE)	12	54	7.5	61.8	7.8	58154	76	66.2	12.2	61.0	7.0	57.2	3.2
6. Lang. Conventions(MC,OE)	13	72	10.3	78.6	6.6	58398	76	82.0	10.0	78.1	6.1	72.9	0.9

\*Number of Students: 76842

#### Mathematics

1. Number Sense(MC,OE)	14	62	10.0	71.6	9.6	57324	74	74.7	12.7	71.7	9.7	65.2	3.2
2. Computation(MC,OE)	13	67	10.0	76.3	9.3	57327	74	79.9	12.9	76.8	9.8	70.3	3.3
3. Algebra & Functions(MC,OE)	11	56	7.6	68.9	12.9	57354	74	72.7	16.7	68.9	12.9	60.9	4.9
4. Geometry(MC,OE)	11	56	7.4	66.5	10.5	56095	73	67.9	11.9	67.0	11.0	59.1	3.1
5. Measurement(MC,OE)	11	55	7.4	67.4	12.4	58146	75	70.7	15.7	66.4	11.4	60.8	5.8
6. Problem Solving(OE)	11	11	2.8	26.8	15.8	57681	75	31.7	20.7	28.0	17.0	20.2	9.2

\*Number of Students: 77119

■ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 5

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 78899

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Reading Vocabulary(MC)	7	72	5.3	76.5	4.5	59235	75	79.9	7.9	73.8	1.8	78.0	6.0
2. Reading Comp.(MC,OE)	19	55	12.4	65.4	10.4	59105	75	72.5	17.5	60.9	5.9	67.6	12.6
3. Lit Response & Analysis(MC,OE)	20	61	13.9	70.0	9.0	58871	75	76.2	15.2	65.3	4.3	73.1	12.1
4. Writing Process(MC)	5	75	4.0	79.4	4.4	58948	75	84.7	9.7	76.2	1.2	80.4	5.4
5. Writing Applications(OE)	10	49	5.6	55.3	6.3	59608	76	59.6	10.6	52.1	3.1	56.0	7.0
6. Lang. Conventions(MC,OE)	15	65	11.0	73.0	8.0	58987	75	78.7	13.7	69.2	4.2	74.3	9.3

\*Number of Students: 78292

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Number Sense(MC,OE)	13	60	9.5	72.8	12.8	60315	77	79.7	19.7	70.9	10.9	77.3	17.3
2. Computation(MC)	12	70	9.6	78.7	8.7	59154	75	89.8	19.8	75.8	5.8	83.8	13.8
3. Algebra & Functions(MC,OE)	14	44	8.4	60.1	16.1	59472	76	69.1	25.1	59.5	15.5	62.5	18.5
4. Geometry(MC,OE)	11	51	6.9	63.1	12.1	59097	75	73.9	22.9	63.3	12.3	67.8	16.8
5. Measurement(MC,OE)	13	48	8.5	65.0	17.0	59443	76	77.6	29.6	63.5	15.5	71.3	23.3
6. Data Analysis & Prob(MC,OE)	10	60	7.3	72.2	12.2	59884	76	80.6	20.6	71.8	11.8	77.1	17.1
7. Problem Solving(OE)	11	17	3.2	31.0	14.0	60403	77	40.9	23.9	29.2	12.2	34.4	17.4

\*Number of Students: 78556

#### Science

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Nature of Sci & Tech(MC,OE)	12	65	8.2	68.3	3.3	51932	66	73.5	8.5	67.2	2.2	72.2	7.2
2. Scientific Thinking(MC,OE)	10	57	6.3	63.3	6.3	52060	66	69.8	12.8	62.0	5.0	67.8	10.8
3. The Physical Setting(MC,OE)	16	57	9.8	61.5	4.5	51609	66	66.6	9.6	59.7	2.7	64.9	7.9
4. The Living Environment(MC,OE)	14	58	8.9	64.2	6.2	52042	66	71.1	13.1	62.6	4.6	68.0	10.0
5. The Mathematical World(MC,OE)	6	76	4.8	79.1	3.1	52105	66	83.8	7.8	78.2	2.2	82.3	6.3
6. Common Themes(MC,OE)	8	73	6.1	76.3	3.3	52080	66	81.2	8.2	75.8	2.8	80.0	7.0

\*Number of Students: 78503

\* Number of students that completed all tests in the content area. ■ Total number of all students that tested. Any student tested in more than one content area is counted once.  
Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 6

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 79137

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Reading Vocabulary(MC)	8	58	5.3	66.2	8.2	56085	71	67.8	9.8	62.4	4.4	69.3	11.3
2. Reading Comp.(MC,OE)	21	66	15.3	72.9	6.9	57068	72	76.1	10.1	69.3	3.3	75.5	9.5
3. Lit Response & Analysis(MC,OE)	20	61	13.8	69.4	8.4	56479	72	73.2	12.2	64.2	3.2	73.1	12.1
4. Writing Process(MC)	4	58	2.7	67.0	9.0	55546	70	69.4	11.4	62.9	4.9	69.2	11.2
5. Writing Applications(OE)	10	53	5.6	56.5	3.5	56277	72	59.0	6.0	53.1	0.1	57.8	4.8
6. Lang. Conventions(MC,OE)	13	71	9.8	75.4	4.4	55990	71	77.4	6.4	71.0	0.0	77.3	6.3

\*Number of Students: 78663

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Number Sense(MC,OE)	12	45	7.4	61.7	16.7	62429	79	66.1	21.1	56.0	11.0	64.6	19.6
2. Computation(MC)	11	45	7.1	64.4	19.4	63079	80	69.9	24.9	58.7	13.7	67.8	22.8
3. Algebra & Functions(MC,OE)	14	56	10.2	72.5	16.5	61537	78	74.6	18.6	68.9	12.9	79.7	23.7
4. Geometry(MC,OE)	13	40	7.5	57.3	17.3	62375	79	61.6	21.6	52.2	12.2	61.3	21.3
5. Measurement(MC,OE)	12	51	8.3	68.8	17.8	61966	79	76.0	25.0	61.4	10.4	74.8	23.8
6. Data Analysis & Prob(MC,OE)	10	34	5.6	56.3	22.3	61763	78	62.6	28.6	50.2	16.2	57.8	23.8
7. Problem Solving(MC,OE)	12	19	5.1	42.8	23.8	62536	79	48.1	29.1	35.7	16.7	46.0	27.0

\*Number of Students: 78868

■ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

# ISTEP+

INDIANA STATEWIDE TESTING  
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## Group Academic Standards Summary

State: INDIANA

Grade: 7

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 79983

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

\*\* : Expected IPI for a student at the passing cut score

### State Summary

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	Corporation Summary					
								0015 ADAMS CENTRAL		0025 NORTH ADAMS		0035 SOUTH ADAMS	
								Mean IPI	Diff.	Mean IPI	Diff.	Mean IPI	Diff.
<b>English/language arts</b>													
1. Reading Vocabulary(MC)	7	73	5.3	75.7	2.7	53547	67	80.9	7.9	70.5	- 2.5	73.5	0.5
2. Reading Comp.(MC,OE)	20	69	14.6	72.6	3.6	54197	68	79.5	10.5	65.4	- 3.6	69.9	0.9
3. Lit Response & Analysis(MC,OE)	20	63	13.6	68.4	5.4	54851	69	76.5	13.5	62.5	- 0.5	65.2	2.2
4. Writing Process(MC)	5	65	3.5	70.9	5.9	54416	68	78.5	13.5	65.4	0.4	67.7	2.7
5. Writing Applications(OE)	10	53	5.7	57.7	4.7	55916	71	64.6	11.6	52.4	- 0.6	54.4	1.4
6. Lang. Conventions(MC,OE)	14	71	10.7	75.9	4.9	55071	70	82.9	11.9	69.8	- 1.2	72.5	1.5
*Number of Students: 79094													
<b>Mathematics</b>													
1. Number Sense(MC,OE)	10	42	6.0	60.1	18.1	60664	76	70.9	28.9	57.0	15.0	56.3	14.3
2. Computation(MC,OE,GR)	11	28	5.1	46.8	18.8	61793	78	58.5	30.5	45.1	17.1	42.0	14.0
3. Algebra & Functions(MC,OE,GR)	15	44	8.9	59.5	15.5	61576	77	70.1	26.1	56.3	12.3	57.1	13.1
4. Geometry(MC,OE)	9	45	5.8	63.4	18.4	60361	76	77.6	32.6	62.5	17.5	61.3	16.3
5. Measurement(MC,OE,GR)	11	60	8.0	72.4	12.4	61520	77	81.5	21.5	70.4	10.4	70.7	10.7
6. Data Analysis & Prob(MC,OE,GR)	14	33	7.3	52.7	19.7	60992	77	64.4	31.4	49.7	16.7	50.1	17.1
7. Problem Solving(MC,OE)	13	10	3.5	27.9	17.9	62694	79	40.2	30.2	25.8	15.8	20.9	10.9
*Number of Students: 79427													
<b>Science</b>													
1. Nature of Sci & Tech(MC,OE)	10	64	6.3	63.5	- 0.5	43187	54	70.7	6.7	60.9	- 3.1	62.5	- 1.5
2. Scientific Thinking(MC,OE)	9	64	5.8	64.1	0.1	42946	54	72.1	8.1	63.5	- 0.5	63.3	- 0.7
3. The Physical Setting(MC,OE)	18	50	9.3	52.1	2.1	43838	55	59.9	9.9	49.1	- 0.9	50.9	0.9
4. The Living Environment(MC,OE)	15	55	8.4	56.0	1.0	43556	55	63.8	8.8	53.2	- 1.8	55.1	0.1
5. The Mathematical World(MC,OE)	8	64	5.1	64.0	0.0	43673	55	71.5	7.5	61.9	- 2.1	62.9	- 1.1
6. Common Themes(MC,OE)	7	40	3.1	44.4	4.4	44039	56	52.5	12.5	42.5	2.5	42.2	2.2
*Number of Students: 79274													

▲ Number of students that completed all tests in the content area. ■ Total number of all students that tested. Any student tested in more than one content area is counted once.

Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 8

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 80943

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL		0025 NORTH ADAMS		0035 SOUTH ADAMS	
								Mean IPI	Diff.	Mean IPI	Diff.	Mean IPI	Diff.
1. Reading Vocabulary(MC)	7	70	5.2	74.0	4.0	54263	67	78.6	8.6	73.0	3.0	71.8	1.8
2. Reading Comp.(MC,OE)	23	73	17.5	76.4	3.4	54694	68	80.1	7.1	74.9	1.9	73.8	0.8
3. Lit Response & Analysis(MC,OE)	19	69	13.9	73.3	4.3	55342	69	76.2	7.2	72.0	3.0	70.7	1.7
4. Writing Process(MC)	4	49	2.4	60.0	11.0	54934	68	63.5	14.5	58.9	9.9	55.3	6.3
5. Writing Applications(OE)	10	64	6.8	67.8	3.8	55015	69	69.3	5.3	65.7	1.7	63.4	- 0.6
6. Lang. Conventions(MC,OE)	13	77	10.5	79.7	2.7	54817	68	81.2	4.2	77.8	0.8	75.6	- 1.4

\*Number of Students: 80121

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL		0025 NORTH ADAMS		0035 SOUTH ADAMS	
								Mean IPI	Diff.	Mean IPI	Diff.	Mean IPI	Diff.
1. Number Sense(MC,OE)	10	59	7.0	69.1	10.1	57052	71	78.1	19.1	78.0	19.0	72.3	13.3
2. Computation(MC,GR)	9	28	4.1	46.3	18.3	58028	72	55.1	27.1	56.7	28.7	49.7	21.7
3. Algebra & Functions(MC,OE,GR)	16	48	9.4	58.7	10.7	56832	71	67.0	19.0	64.3	16.3	58.7	10.7
4. Geometry(MC,OE,GR)	10	48	6.0	59.9	11.9	57133	71	68.7	20.7	66.9	18.9	61.0	13.0
5. Measurement(MC,OE,GR)	10	29	4.3	43.4	14.4	58023	72	52.9	23.9	51.8	22.8	44.5	15.5
6. Data Analysis & Prob(MC,OE,GR)	15	47	8.6	57.7	10.7	57327	71	65.0	18.0	65.5	18.5	59.1	12.1
7. Problem Solving(MC,OE)	14	18	4.6	33.5	15.5	57681	72	43.6	25.6	40.3	22.3	35.9	17.9

\*Number of Students: 80437

▲ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 9

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 82051

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Reading Vocabulary(MC)	6	52	3.6	59.7	7.7	55898	70	65.1	13.1	59.4	7.4	59.9	7.9
2. Reading Comp.(MC,OE)	19	60	12.7	66.9	6.9	55750	69	71.9	11.9	67.5	7.5	66.3	6.3
3. Lit Response & Analysis(MC,OE)	24	62	16.4	68.5	6.5	55398	69	75.2	13.2	69.2	7.2	68.3	6.3
4. Writing Process(MC)	8	60	5.5	68.8	8.8	55751	69	76.0	16.0	69.0	9.0	68.9	8.9
5. Writing Applications(OE)	10	58	6.2	61.4	3.4	55539	69	65.7	7.7	61.7	3.7	61.1	3.1
6. Lang. Conventions(MC,OE)	19	66	13.8	72.2	6.2	55370	69	77.5	11.5	72.9	6.9	72.3	6.3

\*Number of Students: 79836

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Number Sense(MC)	9	33	4.1	46.0	13.0	54731	68	56.4	23.4	53.1	20.1	51.0	18.0
2. Computation(MC)	10	44	5.6	55.9	11.9	54477	67	67.3	23.3	61.8	17.8	61.4	17.4
3. Algebra & Functions(MC,OE)	25	32	11.3	45.8	13.8	55350	69	55.8	23.8	50.3	18.3	52.2	20.2
4. Geometry(MC,OE)	10	35	4.9	49.5	14.5	53470	67	60.2	25.2	54.5	19.5	53.2	18.2
5. Measurement(MC,OE,GR)	16	46	8.7	54.5	8.5	54263	68	65.4	19.4	60.1	14.1	59.0	13.0
6. Data Analysis & Prob(MC,OE,GR)	11	38	5.7	51.0	13.0	53785	67	59.9	21.9	56.5	18.5	53.8	15.8
7. Problem Solving(MC,OE)	12	21	4.4	36.6	15.6	54345	68	50.0	29.0	43.1	22.1	40.4	19.4

\*Number of Students: 79871

▲ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

## Group Academic Standards Summary

State: INDIANA

Grade: 10

### Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 80772

Test Date: 09/19/06

### Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

\*\* : Expected IPI for a student at the passing cut score

#### English/language arts

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Reading Vocabulary(MC)	5	62	3.5	69.3	7.3	53566	68	74.9	12.9	71.4	9.4	72.7	10.7
2. Reading Comp.(MC,OE)	25	60	16.7	67.4	7.4	54654	70	73.0	13.0	70.1	10.1	70.5	10.5
3. Lit Response & Analysis(MC,OE)	22	60	14.3	65.6	5.6	53917	69	71.6	11.6	68.0	8.0	68.4	8.4
4. Writing Process(MC)	7	72	5.3	75.9	3.9	54233	68	82.2	10.2	78.8	6.8	78.0	6.0
5. Writing Applications(OE)	10	67	6.9	69.2	2.2	54467	69	74.3	7.3	70.5	3.5	71.0	4.0
6. Lang. Conventions(MC,OE)	16	72	12.4	76.4	4.4	53546	69	82.6	10.6	78.3	6.3	78.4	6.4

\*Number of Students: 78082

#### Mathematics

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	0015 ADAMS CENTRAL Mean IPI	Diff.	0025 NORTH ADAMS Mean IPI	Diff.	0035 SOUTH ADAMS Mean IPI	Diff.
1. Number Sense(MC,GR)	9	38	4.6	50.8	12.8	51440	65	68.3	30.3	54.9	16.9	54.2	16.2
2. Computation(MC,GR)	8	39	4.1	51.4	12.4	51165	64	64.9	25.9	57.2	18.2	53.8	14.8
3. Algebra & Functions(MC,OE,GR)	31	36	15.5	50.4	14.4	51749	66	63.9	27.9	55.7	19.7	55.2	19.2
4. Geometry(MC,OE)	8	34	4.2	51.9	17.9	51845	66	68.5	34.5	61.3	27.3	56.3	22.3
5. Measurement(MC,OE,GR)	13	46	7.5	57.2	11.2	53094	68	70.5	24.5	64.0	18.0	58.2	12.2
6. Data Analysis & Prob(MC,OE,GR)	11	58	7.2	64.3	6.3	51823	66	74.2	16.2	69.9	11.9	65.2	7.2
7. Problem Solving(MC,OE,GR)	15	16	5.5	37.1	21.1	51313	66	54.5	38.5	46.8	30.8	40.4	24.4

\*Number of Students: 78017

▲ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.